



## SECTION I

PRODUCT CODE NUMBER: \_\_\_\_\_ \*TLV: \_\_\_\_\_  
 MANUFACTURER'S NAME: Starkey Chemical Process EMERGENCY INFORMATION: \_\_\_\_\_  
 MANUFACTURER'S ADDRESS: \_\_\_\_\_  
 PRODUCT: Duplicator Fluid -Associated COMMON NAME: \_\_\_\_\_  
 GENERIC NAME: \_\_\_\_\_ CHEMICAL NAME: \_\_\_\_\_  
 CHEMICAL FAMILY: \_\_\_\_\_ DOT PROPER SHIPPING NAME: \_\_\_\_\_  
 WARNING STATEMENTS: \_\_\_\_\_

## SECTION II - INGREDIENTS

FIRE FIGHTING PROCEDURES: \_\_\_\_\_ % \_\_\_\_\_ TLV  
 Mixture introduces the potential of a Class B Flammable liquid fire hazard.  
 Carbon Dioxide or dry chemical extinguishers which provide a blanketing. Water  
 fog can be used.  
 UNUSUAL FIRE AND EXPLOSION HAZARDOUS:  
 Fire hazard mixture will exist in any vapor space open to air reaches above (53.6°F).  
 Evaporation of the liquid at ordinary room temperature creates a potentially explosiv  
 methanol air mixture when the methanol content reaches 6.0 (volume)%.

\* Threshold limit value set by (A) OSHA, (B) ACGIH, (C) See Section III, (D) Other, (NE) Not Established (Units are in PPM unless otherwise specified)

## SECTION III - PHYSICAL DATA

APPROXIMATE BOILING RANGE: 64.5 C 148 F VAPOR PRESSURE: 20 C 91mm  
 VAPOR DENSITY 1.11 SOLUBILITY IN WATER: Miscible in all proportions  
 SPECIFIC GRAVITY 20/20 (0.7927) PERCENT VOLATILE: \_\_\_\_\_  
 EVAPORATION RATE (ether=1) : 5.2 APPROXIMATE BULK DENSITY: \_\_\_\_\_

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT RANGE: 60 F T.O.C. EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemical,  
Water fog or "Alcohol Type"fo  
 FIRE FIGHTING PROCEDURES: \_\_\_\_\_ DOT FLAMMABILITY  
 CLASSIFICATION: 6.0 LEL 36.5 UEL  
 UNUSUAL FIRE AND EXPLOSION HAZARDS: Can react vigorously with oxidizing materials.

## SECTION V - EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Irrigate eyes thoroughly with water.  
 SKIN CONTACT: Wash with soap and water. Remove contaminated clothes & wash skin.  
 INHALATION: Remove from contaminated atmosphere and give artificial respiration & oxygen  
if necessary.  
 INGESTION: \_\_\_\_\_

SECTION VI - PHYSIOLOGICAL EFFECTS AND HEALTH INFORMATION

ACUTE EFFECTS TLV: 200ppm (260 MG/M) Overexposure: slight irritant to the mucous membranes. Toxicity which includes weakness, fatigue, dizziness, headaches. Skin may become dry & cracked due to the solvent action.

CHRONIC EFFECTS:

SECTION VII - REACTIVITY DATA

STABILITY (Conditions to Avoid): Stable

INCOMPATIBILITY (Materials to Avoid): Reacts vigorously with stron oxidizers, chromic anhydroides, lead perchlorate, perchloric acids.

HAZARDOUS DECOMPOSITION PRODUCTS: Occurs from heat & reaction with materials above

HAZARDOUS POLYMERIZATION (Conditions to Avoid): Will not occur.

SECTION VIII - SPILL OR LEAK PROCEDURES

PROCEDURES IN CASE OF RELEASE OR SPILL: Only properly protected personnel should remain in the area. Leaking containers should be removed to the outdoors or to an isolated well ventilated area. All spills should be flushed with large amounts of water. WASTE DISPOSAL METHOD: Facilities must be provided to control, collect & hold accidental spills to approved disposals & recovery. Avoid methanol entering streams or sewers.

SECTION IX - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Use in well ventilated area

VENTILATION: Local Exhaust: Ventilation recommended. Mechanical General: Fans, Hood enclosurers.

PROTECTIVE GLOVES: Not required if no skin contact.

EYE PROTECTION: Chemical splash goggles or face shield

OTHER PROTECTIVE EQUIPMENT: If skin contact is unavoidable - PVC or rubber gloves are suitable.

SECTION X - STORAGE AND SPECIAL PRECAUTIONS

HANDLING AND STORING PRECAUTIONS: Keep away from heat or ignition sources Use with adequate ventilation. Keep containers closed.

OTHER PRECAUTIONS: Container Hazardous when empty. Container must be labeled Poison & flammable liquids. "Do not take internally"

SECTION XI - DOCUMENTARY INFORMATION

PRODUCT CODE NUMBER:

ISSUE DATE 2-14-86

REPLACES MSDS NUMBER:

PREVIOUS PRODUCT CODE NUMBER:

PREVIOUSLY ISSUED: